## **Declaration For U.S. Patent Application**

As a belt	W Hailieu III	ventor, I hereby decia	ue uiai.						
My resid	ence, post o	ffice address and citiz	enship are as sta	ated below my n	ame.				
I believe listed bel (Insert	low) of the s	ginal, first and sole in ubject matter which i	s claimed and fo	r which a paten	below) or an origing is sought on the in	nal, first and join vention entitle	int invent	or (if plural nar	nes aı
the speci	fication of v	hich is attached here	ON-BOARD A		ankad:				
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	was filed o	on			As PCT Interna	ational Applica	tion		
And/or	Number was filed of	nn	and v	was amended on	As United State	es Application	<del></del>		
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I hereby any amer	state that I had I had the state of the stat	ave reviewed and uno	derstand the cont	tents of the above	re-identified specifi	cation, includi	ng the cla	im(s), as amen	ded b
I acknow	ledge the du	ty to disclose informa	tion which is ma	aterial to patenta	bility as defined in	37 C.F.R. 11.	56.		
		gn priority benefits to of any PCT Internation delow any foreign application(s) for wi				oreign applicat ntry other than PCT Internation	ion(s) fo the Unite nal Appli		entor belov i filin
(Tint mai		02-379993	Japan (Country)	27/December/2002 (Day/Month/Year Filed)			Priority Claimed  ☑ Yes ☐ No		
(List pri foreign applicati					·		☐ Yes	□ No	
	· (Number		(Country)	(Day	Month/Year Filed)		□ v <sub>oo</sub>	□ No	
	(Numbe	τ)	(Country)	(Day	Month/Year Filed)	•	∐ Yes	∐ No	
I hereby o	claim the be	nefit under 35 U.S.C.	' 119(e) of any	United States pr	ovisional application	on(s) listed belo	ow.		
		(Application Number)		(Filing Dat	<del>.</del>				
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		☐ See attacl	hed list for addit	ional prior forei	gn or provisional ap	pplications.			
I hereby designation disclosed to disclose prior apple	claim the bong the Unite in the prior e informatio lication and	enefit under 35 U.S.C d States of America application(s) (U.S. o n which is material to the national or PCT I	C. '120 of any Ulisted below and PCT) in the mapatentability as international film	United States ap d, insofar as the unner provided be defined in 37 C. ag date of this ap	plication(s) or '36 subject matter of y the first paragraph F.R. '1.56 which be plication.	65(c) of any PC each of the cla h of 35, U.S.C. ecame available	CT Internaims of to 112, I are between	ational applica his application acknowledge that the filing date	tion(s is no le duty of the
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applications designating t		(Application Serial No.)		(Sams) (parti-		Status) (paterated, pending, a	ea, persung, sommoneo)		
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And I he 22,980; C Reg. No. Reg. No. Jonathan 37,500; ar	reby appoin harles M. M 44,275; Rob 48,898; Br A. Kidney, nd Charles I	t the firm of Arent Farmelstein, Reg. No. lert K. Carpenter, Reg. an A. Tollefson, Reg. No. 46,195; Ba Buskey, Reg. No. 46,5	ox, Customer N 25,895; George I 3. No. 34,794; R g. No. 46,338, I la Sundararajan, 92.	Jumber <b>004372</b> E. Oram, Jr., Regustan Hill, Reg. Lynne D. Ander Reg. No. P50,	including as princi g. No. 27,931; Rich No. 37,351; Hans rson, Reg. No. 46, 900; Monica Kitts,	ipal attorneys: ard J. Berman, J. Crosby, Reg 412; D. Danie Reg. No. 36,1	Robert Reg. No. No. 44, l Dzara, l 05; King	B. Murray, Re 39,107; Murat 634, Lynn A. E II, Reg. No. 4 ; L. Wong, Re	g. No Ozgu Bristol 7,543 g. No
Please direct all communications to the following address:  All W				1050 Connect Washington, I	RENT FOX KINTNER PLOTKIN & KAHN, PLLC 50 Connecticut Avenue, N.W., Suite 400 ashington, D.C. 20036-5339 lephone No. (202) 857-6000; Facsimile No. (202) 638-4810				
The under and/or, if any action and the un be so noti	rsigned herel the undersign to be take indersigned. fied by the u	by authorizes the U.S. med is not a resident in the Patent and Trad In the event of a char undersigned.	attorneys named of the United St emark Office reg nge in the persor	therein to acceptates, the understarding this application in the same application is applicated as a second control of the same acceptance of the same acceptanc	t and follow instruction in the struction without directions may be instructions may be	ctions from the ttorney, patent ct communicat e taken, the U.S	undersig attorney ion betwe S. attorne	ned's assignee, or patent agent en the U.S. atto ys named herei	if any, as to orneys in wil
punishable	o be true; ar e by fine or	all statements made had further, that these simprisonment, or both lidity of the application	statements were	made with the I 1001 of Title 18	true and that all standard that will of the United State	atements made ful false staten es Code and tha	on informents and at such w	mation and beli the like so ma illful false state	ief are de are ments
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Full name of eighth inventor	
Inventor's signature	
Residence	Date
Citizenship	
Post Office Address	

Post Office Address

## **Declaration For U.S. Patent Application**

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled (Insert Title) ON-BOARD ANTENNA
the specification of which is attached hereto unless the following box is checked: was filed on As PCT International Application Number and was amended on And/or was filed on As United States Application and was amended on I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. '1.56. I hereby claim foreign priority benefits under 35 U.S.C. '119(a)-(d) or '365(b) of any foreign application(s) for patent or inventor's certificate, or '365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application(s) for which priority is claimed: Priority Claimed 27/December/2002 P2002-379993 ☑ Yes □ No Japan (List prior (Day/Month/Year Filed) foreign ☐ Yes ☐ No applications) (Day/Month/Year Filed) (Country) ☐ Yes ☐ No (Day/Month/Year Filed) (Country) I hereby claim the benefit under 35 U.S.C. '119(e) of any United States provisional application(s) listed below. (Application Number) (Filing Date) (Filing Date) See attached list for additional prior foreign or provisional applications. I hereby claim the benefit under 35 U.S.C. '120 of any United States application(s) or '365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) (U.S. or PCT) in the manner provided by the first paragraph of 35, U.S.C. '112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. '1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (List prior U.S. Applications or PCT International (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned) applications designating the U.S.) (Application Serial No.) (Filing Date) And I hereby appoint the firm of Arent Fox, Customer Number 004372 including as principal attorneys: Robert B. Murray, Reg. No. 22,980; Charles M. Marmelstein, Reg. No. 25,895; George E. Oram, Jr., Reg. No. 27,931; Richard J. Berman, Reg. No. 39,107; Murat Ozgu, Reg. No. 44,275; Robert K. Carpenter, Reg. No. 34,794; Rustan Hill, Reg. No. 37,351; Hans J. Crosby, Reg. No. 44,634, Lynn A. Bristol, Reg. No. 48,898; Brian A. Tollefson, Reg. No. 46,338, Lynne D. Anderson, Reg. No. 46,412; D. Daniel Dzara, II, Reg. No. 47,543, Jonathan A. Kidney, Reg. No. 46,195; Bala Sundararajan, Reg. No. P50,900; Monica Kitts, Reg. No. 36,105; King L. Wong, Reg. No. 37,500; and Charles Buskey, Reg. No. 46,592. ARENT FOX KINTNER PLOTKIN & KAHN, PLLC 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339 Telephone No. (202) 857-6000; Facsimile No. (202) 638-4810 Please direct all communications to the following address: The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be take in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Satoru KOMATSU Full name of sole or first inventor Inventor's signature Date Residence Saitama, Japan Citizenship Japan

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